Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

31. (currently amended) A method of selectively and sequentially dispensing a plurality of reagent solutions to a plurality of vials divided into a first bank of vials and a second bank of vials and selectively purging material from the first bank of vials and the second bank of vials, comprising the steps of:

a. dispensing one or more of the plurality of reagent solutions to a selective one or more of the plurality of vials, to perform synthesis within the selective one or more of the plurality of vials;

b. ~~engaging~~ coupling a waste tube to a selective one of a first drain and a second drain within a purging system, wherein the first drain is associated with ~~a selective one of~~ the first bank of vials and the second drain is associated with the second bank of vials ~~within a purging system~~; and

c. purging material from the selected one of the first bank of vials and the second bank of vials through the purging system.

32. (previously presented) The method according to claim 31 wherein the step of dispensing is performed in a parallel fashion when one of the plurality of reagent solutions is dispensed into more than one of the plurality of vials.

33. (original) The method according to claim 31 wherein during the step of dispensing one or more of the plurality of reagent solutions are dispensed into one or more of the plurality of vials in a serial fashion.

34. (currently amended) A method of selectively purging material from a selective one of a first vial and a second vial in which synthesis is taking place comprising the steps of:

a. ~~engaging~~ coupling a selective one of a first drain and a second drain with a waste tube, wherein the first drain is associated with ~~the selected one of~~ the first vial and the second drain is associated with the second vial ~~with a waste tube~~;

b. forming a pressure differential between an interior and an exterior of the selective one of the first vial and the second vial, thereby expelling material from the selective one of the first vial and the second vial through the waste tube; and

c. ~~disengaging~~ uncoupling the selective one of the first drain and the second drain from the waste tube ~~from the drain~~ after the material has been purged.

35. (currently amended) The method according to claim 31 wherein the step of purging ~~materials~~ material includes generating a pressure differential within the selective one of the first bank of vials and the second bank of vials.

36. (currently amended) The method according to claim 31 wherein the step of ~~engaging a drain is accomplished by engaging~~ coupling comprises moving the selective one of the first drain and the second drain ~~with a~~ to the waste tube until the selective one of the first drain and the second drain are coupled with the waste tube.

37. (previously presented) The method according to claim 36 further comprising the step of forming a pressure differential between an interior and an exterior of the selective one of the first bank of vials and the second bank of vials, thereby expelling material from the selective one of the first bank of vials and the second bank of vials through the waste tube.

38. (currently amended) The method according to claim 37 further comprising the step of ~~disengaging~~ uncoupling the waste tube from the selective one of the first drain and the second drain after the material has been purged.

39. (previously presented) A method of selectively and sequentially dispensing a plurality of reagent solutions to a plurality of vials divided into a first bank of vials and a second bank of vials and selectively purging material from the first bank of vials and the second bank of vials, comprising:

a. dispensing one or more of the plurality of reagent solutions to a selective one or more of the plurality of vials, to perform synthesis within the selective one or more of the plurality of vials; and

b. purging material from the selected one of the first bank of vials and the second bank of vials.

40. (previously presented) The method according to claim 39 wherein dispensing is performed in a parallel fashion when one of the plurality of reagent solutions is dispensed into more than one of the plurality of vials.

41. (previously presented) The method according to claim 39 wherein during dispensing, one or more of the plurality of reagent solutions are dispensed into one or more of the plurality of vials in a serial fashion.

42. (previously presented) A method of selectively purging material from a selective one of a first vial and a second vial in which synthesis is taking place comprising:

a. coupling a waste tube to a selective one of a first drain corresponding to the first vial and a second drain corresponding to the second vial; and

b. forming a pressure differential between an interior and an exterior of the selective one of the first vial and the second vial, thereby expelling material from the selective one of the first vial and the second vial through the waste tube.

43. (currently amended) The method according to claim 42 further comprising ~~disengaging~~ uncoupling the waste tube from the selective one of the first drain and the second drain after the material has been purged.

Please add the following new claims:

44. (new) The method according to claim 31 wherein the step of coupling comprises moving the waste tube to the selective one of the first drain and the second drain until the waste tube is coupled with the selective one of the first drain and the second drain.

45. (new) The method according to claim 44 further comprising the step of uncoupling the waste tube from the selective one of the first drain and the second drain.